



Issue 357 November 23, 2024

Top links

Drama, farce, a Radio Ham and the Baker Street bank heist
[\(https://www.bbc.com/news/articles/cwygxe102ydo?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter\)](https://www.bbc.com/news/articles/cwygxe102ydo?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

A gang tunneled into a secure vault while all the time being listened to by an Amateur Radio operator.

BBC

Ham Radio for Hackers (https://www.kb6nu.com/video-ham-radio-for-hackers-at-hope-xv/?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

All the seats were filled because they actually wanted to learn more about Amateur Radio!

KB6NU

Dwingeloo telescope tests 8.4 GHz reception
[\(https://www.camras.nl/en/blog/2024/first-tests-at-8-4-ghz/?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter\)](https://www.camras.nl/en/blog/2024/first-tests-at-8-4-ghz/?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

We successfully detected the carrier signal of three Mars orbiters: Tianwen-1, MAVEN, and MRO.

Dwingeloo Radio Telescope

Repeater Builder: So you want to build a repeater (https://www.repeater-builder.com/rbtip/index.html?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

The largest repeater information site in the world.

Repeater Builder

[Calibrating the KX2 by ear](https://gm5alx.uk/posts/2024/calibrating-kx2-by-ear/?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter) (https://gm5alx.uk/posts/2024/calibrating-kx2-by-ear/?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

I've got two radios I can just use them to test myself, without having to deal with propagation and everything else.

GM5ALX

[POTA on Ellis Island](https://qrper.com/2024/11/pota-on-ellis-island-planning-plotting-and-activating/?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter) (https://qrper.com/2024/11/pota-on-ellis-island-planning-plotting-and-activating/?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

Planning, plotting, and activating.

QRPer

[HamClock](https://pe4bas.blogspot.com/2024/11/fun-fast-hamradio-project.html?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter) (https://pe4bas.blogspot.com/2024/11/fun-fast-hamradio-project.html?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

A fun, fast Ham Radio project.

PE4BAS

[QO-100 Log Parser](https://qo100.sq8w.pl/?lang=en?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter) (https://qo100.sq8w.pl/?lang=en?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

Simple ADIF log conversion tool for QO-100 satellite contacts.

SQ8W

[The Design and test of a filtered low noise amplifier](https://www.rtl-sdr.com/the-design-and-test-of-a-filtered-low-noise-amplifier-for-lrpt-weather-satellite-reception/?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter) (https://www.rtl-sdr.com/the-design-and-test-of-a-filtered-low-noise-amplifier-for-lrpt-weather-satellite-reception/?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

An LNA can help improve the reception of an SDR by reducing the noise figure of the system, and by overcoming losses from long coax cable runs.

RTL-SDR

Mapping the ionosphere with millions of phones
(https://www.nature.com/articles/s41586-024-08072-x?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

Millions of Android phones can provide an accurate picture of the ionosphere in areas of the world underserved by conventional infrastructure.

Nature

Video

LongChat: QRP Ham Radio text chat (https://www.youtube.com/watch?v=ixmKc-gDQT0?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

Chirp signals for power efficient messaging.

LongChat

An intro to LoRa APRS (https://www.youtube.com/watch?v=lVTwTG10DJ8?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

10 km range with 20 milliwatts.

LB0FI Norwegian Hamventures